

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1	("20020156453").PN.	US-PGPUB; USPAT	OR	OFF	2006/03/19 18:36
L2	1	L1 and systemic	US-PGPUB; USPAT	OR	ON	2006/03/19 18:37
L3	1	L1 and systemic and (substance with reduc\$4)	US-PGPUB; USPAT	OR	ON	2006/03/19 19:42
L4	17	("20020095134" "20030073609" "20040028707" "20040073160" "20040170654" "20040175401" "4886499" "5279552" "5582591" "5800420" "5848990" "6007821" "6056716" "6200291" "6319224" "6482176" "6537242").PN.	US-PGPUB; USPAT	OR	ON	2006/03/19 19:42
S1	24	((("2619962") or ("3814097") or ("3964482") or ("4270537") or ("4592753") or ("5003987") or ("5098389") or ("5156591") or ("5250023") or ("5279544") or ("5417662") or ("5527288") or ("5591139") or ("5801057") or ("5820622") or ("5848991") or ("5876582") or ("5879326") or ("5928207") or ("5957895") or ("5997501") or ("6099504") or ("6334856") or ("6346095")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/01/10 15:44
S2	6	((("6591133") or ("6256533") or ("6611707") or ("6607513") or ("6503231") or ("6334856")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/01/10 15:44
S3	1	(((((("2619962") or ("3814097") or ("3964482") or ("4270537") or ("4592753") or ("5003987") or ("5098389") or ("5156591") or ("5250023") or ("5279544") or ("5417662") or ("5527288") or ("5591139") or ("5801057") or ("5820622") or ("5848991") or ("5876582") or ("5879326") or ("5928207") or ("5957895") or ("5997501") or ("6099504") or ("6334856") or ("6346095")).PN.) or (((("6591133") or ("6256533") or ("6611707") or ("6607513") or ("6503231") or ("6334856")).PN.)) and ((dermal or dermis) with (administ\$6 or inject\$4 or absorption or absorb or absorbing)))	US-PGPUB; USPAT	OR	ON	2004/01/10 15:49

## EAST Search History

S4	2	((("5848991") or ("5250023")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/01/10 15:50
S5	0	(intradermal with drug with delivery) and (less adj drug)	US-PGPUB; USPAT	OR	ON	2004/01/10 15:51
S6	20	(intradermal with drug with delivery) and (reduc\$4 with drug)	US-PGPUB; USPAT	OR	ON	2004/01/10 16:04
S7	0	(intradermal with drug with delivery) and (((".3" or (((("6591133") or ("6256533") or ("6611707") or ("6607513") or ("6503231") or ("6334856")).PN.)) adj mm) with depth)	US-PGPUB; USPAT	OR	ON	2004/01/10 16:04
S8	0	(intradermal with drug with delivery) and (((".3" or (((("6591133") or ("6256533") or ("6611707") or ("6607513") or ("6503231") or ("6334856")).PN.)) adj mm))	US-PGPUB; USPAT	OR	ON	2004/01/10 16:05
S9	0	(intradermal with drug with delivery) and (2mm)	US-PGPUB; USPAT	OR	ON	2004/01/10 16:05
S10	71	(intradermal with drug with delivery) and (mm)	US-PGPUB; USPAT	OR	ON	2004/01/10 16:05
S11	95	intradermal with drug with delivery	US-PGPUB; USPAT	OR	ON	2004/01/10 16:06
S12	66	(intradermal with drug with delivery) and (needle or microneedle)	US-PGPUB; USPAT	OR	ON	2004/01/10 16:34
S13	15	(intradermal with drug with delivery) and (gauge near3 needle)	US-PGPUB; USPAT	OR	ON	2004/01/10 16:08
S14	49	(intradermal with drug with delivery) and (needle or microneedle) and mm	US-PGPUB; USPAT	OR	ON	2004/01/10 16:19
S15	41	(intradermal with drug with delivery) and (needle or microneedle) and minute	US-PGPUB; USPAT	OR	ON	2004/01/11 11:22
S16	1	("6569143").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/01/11 11:03
S17	0	((("6569143").PN.) and (minute or min)	US-PGPUB; USPAT	OR	ON	2004/01/11 11:04
S18	1	("20020095134").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/01/11 11:04
S19	1	((("20020095134").PN.) and (minute or min)	US-PGPUB; USPAT	OR	ON	2004/01/11 11:06

## EAST Search History

S20	1	((("20020095134").PN.) and (reduc\$4 with (drug or dose)))	US-PGPUB; USPAT	OR	ON	2004/01/11 11:07
S21	0	((("6569143").PN.) and (reduc\$4 with (drug or dose)))	US-PGPUB; USPAT	OR	ON	2004/01/11 11:07
S22	24	(intradermal with drug with delivery) and (needle or microneedle) and (bolus with injection)	US-PGPUB; USPAT	OR	ON	2004/01/11 11:26
S23	1032	intradermal and subcutaneous and ((comparison or compare or compared or comparing) same (dosage or dose or drug) same (amount or volume))	US-PGPUB; USPAT	OR	ON	2004/01/11 11:28
S24	22	((intradermal and subcutaneous) same (comparison or compare or compared or comparing)) and ((comparison or compare or compared or comparing) same (dosage or dose or drug) same (amount or volume))	US-PGPUB; USPAT	OR	ON	2004/01/11 11:44
S25	878	intradermal same (deliv\$3 or inject\$3 or infus\$3 or administ\$6) same (drug or does)	US-PGPUB; USPAT	OR	ON	2004/01/11 11:45
S26	395	(intradermal same (deliv\$3 or inject\$3 or infus\$3 or administ\$6) same (drug or does)) and (needle or microneedle)	US-PGPUB; USPAT	OR	ON	2004/01/11 11:47
S27	116	((intradermal same (deliv\$3 or inject\$3 or infus\$3 or administ\$6) same (drug or does)) and (needle or microneedle)) and subcutaneous and ((comparison or compare or compared or comparing) same (dosage or dose or drug) same (amount or volume))	US-PGPUB; USPAT	OR	ON	2004/01/11 11:48

## EAST Search History

S28	111	(((intradermal same (deliv\$3 or inject\$3 or infus\$3 or administ\$6) same (drug or does)) and (needle or microneedle)) and subcutaneous and ((comparison or compare or compared or comparing) same (dosage or dose or drug) same (amount or volume))) not (((intradermal and subcutaneous) same (comparison or compare or compared or comparing)) and ((comparison or compare or compared or comparing) same (dosage or dose or drug) same (amount or volume)))	US-PGPUB; USPAT	OR	ON	2004/01/11 11:58
S29	2	(intradermal and subcutaneous).ti.	US-PGPUB; USPAT	OR	ON	2004/01/11 12:15
S30	47	(intradermal).ti.	US-PGPUB; USPAT	OR	ON	2004/01/11 12:52
S31	45	(((intradermal).ti.) not ((intradermal and subcutaneous).ti.)	US-PGPUB; USPAT	OR	ON	2004/01/11 12:18
S32	9	(((intradermal).ti.) not ((intradermal and subcutaneous).ti.)) and (reduc\$4 with (drug or dos\$3))	US-PGPUB; USPAT	OR	ON	2004/01/11 12:22
S33	2	((("5800420") or ("5527288")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/01/11 12:22
S34	1	((("5800420") or ("5527288")).PN. ) and (protein or peptide)	US-PGPUB; USPAT	OR	ON	2004/01/11 12:33
S35	1	("5800420").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/01/11 12:33
S36	1	((("5800420").PN.) and bolus	US-PGPUB; USPAT	OR	ON	2004/01/11 12:33
S37	12	((intradermal).ti.) and ((needle or microneedle) same array)	US-PGPUB; USPAT	OR	ON	2004/01/11 12:56
S38	1	("6494865").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/01/11 12:56
S39	0	((("6494865").PN.) and array	US-PGPUB; USPAT	OR	ON	2004/01/11 12:57
S40	0	((("6494865").PN.) and (needle with (multiple or plural))	US-PGPUB; USPAT	OR	ON	2004/01/11 12:57
S41	0	((("6569143").PN.) and array	US-PGPUB; USPAT	OR	ON	2004/01/11 12:57

## EAST Search History

S42	0	((("6569143").PN.) and (needle with (multiple or plural)))	US-PGPUB; USPAT	OR	ON	2004/01/11 12:57
S43	1	((("20020095134").PN.) and array	US-PGPUB; USPAT	OR	ON	2004/01/11 12:57
S44	2	((("5527288") or ("5800420")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/08/11 10:01
S45	1	("20020156453").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/02/22 06:53
S46	80	(dermal or intradermal) same compar\$5 same subcutaneous same inject\$4	US-PGPUB; USPAT	OR	ON	2004/09/13 16:00
S47	22	(dermal or intradermal) same compar\$5 same subcutaneous same inject\$4 same dos\$4	US-PGPUB; USPAT	OR	ON	2004/09/13 17:42
S48	16	(dermal or intradermal) with inject\$4 with low\$5 with dos\$4	US-PGPUB; USPAT	OR	ON	2004/09/13 16:41
S49	5	(dermal or intradermal) with inject\$4 with bioavail\$7	US-PGPUB; USPAT	OR	ON	2004/09/13 16:49
S50	15	(dermal or intradermal) same compar\$5 same subcutaneous same bioavail\$7	US-PGPUB; USPAT	OR	ON	2004/09/13 16:50
S51	2	((("5848991") or ("3814097")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/09/13 17:39
S52	1	("5527288").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/09/13 17:39
S53	0	((("5527288").PN.) and plasma	US-PGPUB; USPAT	OR	ON	2004/09/13 17:39
S54	0	((("5527288").PN.) and profile	US-PGPUB; USPAT	OR	ON	2004/09/13 17:40
S55	0	((("5848991") or ("3814097")).PN.) and plasma	US-PGPUB; USPAT	OR	ON	2004/09/13 17:39
S56	0	((("5848991") or ("3814097")).PN.) and profile	US-PGPUB; USPAT	OR	ON	2004/09/13 17:40
S57	13586	(dermal or intradermal) same subcutaneous	US-PGPUB; USPAT	OR	ON	2004/09/13 17:42
S58	12810	(dermal or intradermal) same subcutaneous same (inject\$4 or administ\$6)	US-PGPUB; USPAT	OR	ON	2004/09/13 17:43
S59	5951	(dermal or intradermal) same subcutaneous same (inject\$4 or administ\$6) same dos\$4	US-PGPUB; USPAT	OR	ON	2004/09/13 17:44

## EAST Search History

S60	398	((dermal or intradermal) with dos\$4) same (subcutaneous with dos\$4) same (inject\$4 or administ\$6)	US-PGPUB; USPAT	OR	ON	2004/09/13 17:50
S61	110	((dermal or intradermal) with dos\$4) same (subcutaneous with dos\$4) same (inject\$4 or administ\$6)) and bioavail\$7	US-PGPUB; USPAT	OR	ON	2004/09/13 17:48
S62	4	((dermal or intradermal) with (low\$3 or reduc\$4) with dos\$4) same (subcutaneous with dos\$4) same (inject\$4 or administ\$6)	US-PGPUB; USPAT	OR	ON	2004/09/13 18:01
S63	1	("6074657").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/09/13 18:01
S66	4401	intradermal and (injection with (time or period or min or minute))	US-PGPUB; USPAT	OR	ON	2005/02/04 14:15
S67	4224	(intradermal with (inject\$4 or deliver\$4)) and ((inject\$4 or deliver\$4) with (time or period or min or minute))	US-PGPUB; USPAT	OR	ON	2005/02/04 14:17
S68	2035	(intradermal with (inject\$4 or deliver\$4)) and ((inject\$4 or deliver\$4) with (min or minute))	US-PGPUB; USPAT	OR	ON	2005/02/04 14:22
S69	55972	("604").CLAS.	US-PGPUB; USPAT	OR	OFF	2005/02/04 14:18
S70	32935	("128").CLAS.	US-PGPUB; USPAT	OR	OFF	2005/02/04 14:18
S71	63307	(S69 or S70) and "6"	US-PGPUB; USPAT	OR	ON	2005/02/04 14:21
S72	84	(S69 or S70) and S68	US-PGPUB; USPAT	OR	ON	2005/02/04 14:22
S73	325	(intradermal with (inject\$4 or deliver\$4)) and ((inject\$4 or deliver\$4) with ((min or minute) not minimum))	US-PGPUB; USPAT	OR	ON	2005/02/04 14:22
S74	20	(S69 or S70) and S73	US-PGPUB; USPAT	OR	ON	2005/02/04 14:22
S75	179	(intradermal with (inject\$4 or administrat\$4 or dispens\$4)) and ((inject\$4 or administrat\$4 or dispens\$4) same (intradermal\$3) same ("10 min" or "10 minute" or "10 minutes" or ("10" with min) or ("10" with minute)))	US-PGPUB; USPAT	OR	ON	2005/02/21 19:57
S76	1	("6689103").PN.	US-PGPUB; USPAT	OR	OFF	2005/02/21 19:57

## EAST Search History

S77	1	S76 and minute	US-PGPUB; USPAT	OR	ON	2005/02/21 19:59
S78	4	((("6656147") or ("6537242") or ("6623457") or ("6654636")).PN.	US-PGPUB; USPAT	OR	OFF	2005/02/21 19:59
S79	3	S78 and intradermal and minute	US-PGPUB; USPAT	OR	ON	2005/02/21 20:16
S80	1	("20020156453").PN.	US-PGPUB; USPAT	OR	OFF	2005/02/22 06:51
S81	7	((intradermal with bolus) same duration)	US-PGPUB; USPAT	OR	ON	2005/02/22 07:50
S82	1	("20020156453").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/02/22 06:53
S83	1	S82 and bolus	US-PGPUB; USPAT	OR	ON	2005/02/22 06:53
S84	0	((intradermal with bolus) same duration)	EPO; JPO; DERWENT	OR	ON	2005/02/22 07:49
S85	7485	(604/506,117,115,93.01,272-274,500,20,19,21,48,201,187,264,28).CCLS.	US-PGPUB; USPAT	OR	OFF	2005/02/22 07:50
S86	3226	(128/898).CCLS.	US-PGPUB; USPAT	OR	OFF	2005/02/22 07:50
S87	183	(S85 or S86) and intradermal	US-PGPUB; USPAT	OR	ON	2005/02/22 07:50
S88	1	("20020156453").PN.	US-PGPUB; USPAT	OR	OFF	2006/03/19 18:36
S89	1	S88 and (systemic with distribution)	US-PGPUB; USPAT	OR	ON	2006/03/19 16:31
S90	1584	(systemic with distribution)	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/19 16:32
S91	9	(systemic with distribution) same subcutaneous\$3 same intradermal\$3	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/19 16:32